

**Notice of Allowability**

Application No.

10/687,881

Examiner

D. I. Lee

Applicant(s)

CHEN, CHING HUI

Art Unit

2876

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/25/04 (PTO-413).
2. ☒ The allowed claim(s) is/are 1-10.
3. ☒ The drawings filed on 20 October 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 0504 .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

D. I. Lee  
Primary Examiner  
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## **EXAMINER'S AMENDMENT**

1. Receipt is acknowledged of the Preliminary Amendment filed 20 October 2003.
2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Muncy on 25 May 2004 (see PTO-413).

The application has been amended as follows:

### **IN THE SPECIFICATION**

3. Abstract, line 4: "comprises" has been changed to --includes--.

### **IN THE CLAIMS**

4. Re claim 7, line 3: "USB (universal serial bus)-type connector" has been changed to -- USB (universal serial bus) connector -- .

### ***Allowable Subject Matter***

5. Claims 1-10 are allowed.
6. The following is an examiner's statement of reasons for allowance:

Oldham [WO 02/09023 A1] discloses a reader with a charging cradle having a connector for connecting with a digital electronic product, such as a PDA, and a connector at the bottom of the charging cradle, wherein the connector is formed with a plug on a bottom end thereof, an upper opening for receiving the charging cradle, a base having a bottom board, a pivoting seat protruding from the bottom

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board, a scanning unit mounted on top portion of the cradle, and wherein the PDA includes a printed circuit board (PCB) with a power supply.

Allen et al. [US 2004/0028295 A1] discloses a cradle having a reader, a connector for connecting with a digital electronic product, such as a mobile telephone, and a connector to a bottom of the cradle, wherein the connector is formed with a plug on a bottom end thereof, an upper opening for receiving the digital electronic product, a base having a bottom board, a pivoting seat protruding from the bottom board.

O'Hara et al. [US 2002/0178222 A1] discloses a handheld computer and a battery charging cradle having a connector for connecting with the handheld computer, and a connector to a bottom of the charging cradle, wherein the connector is formed with a plug on a bottom end thereof, an upper opening to receive the handheld computer, and a pivoting seat protruding from the bottom board.

Kumar [US 2003/0006998 A1] discloses a portable data entry device having a charging cradle having a connector for connecting with a digital electronic product, such as a PDA, and a connector, wherein the connector is formed with a plug on a bottom end the PDA via an opening for receiving the PDA, a scanning unit mounted on the cradle.

Herrod et al. [US 2001/0055978 A1] discloses a portable data device system having a portable data terminal and a charging cradle for receiving the portable data terminal and arranged to recharge the portable data device power supply and upload/download information to and from the portable data terminal.

One of ordinary skill in the art would not have been motivated to modify the teachings of Oldham, Allen, O'Hara, Kumar, and Herrod, alone or in combination with other references, in order to obtain the specific claimed business card reader with a replaceable charging cradle having a charging cradle with a flat cable formed with a plug on a distal end and connected to the bottom of the charging cradle, a shall having a plurality of outlets formed on a side wall, a base accommodating the shell and a

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scanning mounted on the pivoting seat that protruding from the bottom of the base, wherein the base having a paper-feeding seat disposed before the pivoting seat, and a printed circuit board with the specific claimed features, as set forth in the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to D. I. Lee whose telephone number is (571) 272-2399. The examiner can normally be reached on Monday through Thursday from 5:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on (571) 272-2398. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



D. I. Lee  
Primary Examiner  
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D. L.